

June 7, 2004

To: Federal Communications Commission

From Jack Heller - Amateur Radio KB7NO

Subject: Docket 04-140 and Image emissions

Personal radio communications history - I was first licensed in 1949 as a Class B ham operator. I have been active in digital ham modes for the past 20+ years. I wrote a column for more than five years about digital ham communications for 73 Magazine.

Digital communications now being perfected and being used by radio amateurs are at the cutting edge of radio communications and there is a definite advantage to redefining the wording of allowable emissions in Sec. 97 for the sake of continued advancement.

I am in support of the "Mark Miller petition"

Additionally, I suggest:

To expand the data definition to include all image emissions less than 500 Hz I recommend the following data definition in 97.3(c)(2) Data. Telemetry, telecommand and computer communications emissions having designators with A, C, D, F, G, H, J or R as the first symbol; 1 as the second symbol; D as the third symbol; emissions A1C, F2C, J2C, and J3C having an occupied bandwidth of 500 Hz or less, and J2D. Only a digital code of a type specifically authorized in this part may be transmitted.

Thank you for your consideration in this matter,

Jack Heller KB7NO
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